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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q78911

Shintaro WASHIZU, et al.

Appln. No.: 10/733,450

Group Art Unit: 1763

Confirmation No.: 2318

Examiner: Lyons, M.

Filed: December 12, 2003

For: TARGET DETECTING APPARATUS, TARGET DETECTING METHOD AND
TARGET DETECTION SUBSTRATE

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

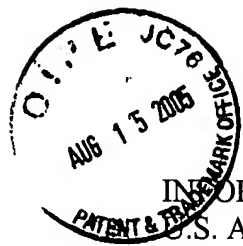
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein, and which the Examiner may deem material to patentability of the claims of the above-identified application.

First, the Examiner is notified of the following co-pending applications disclosing related subject matter.

Serial No.	Applicant	Filing Date	Status	Publication No.
10/103,830	Kinoshita et al.	March 25, 2002	Allowed	2002-0168666
10/103,832	Kinoshita et al.	March 25, 2002	Pending	2002-0168756
10/103,831	Kinoshita et al.	March 25, 2002	Pending	2002-0168667



INFORMATION DISCLOSURE STATEMENT

U.S. Appln. No.: 10/733,450

10/103,829	Washizu et al.	March 25, 2002	Patented	2003-0017263
10/103,757	Kinoshita et al.	March 25, 2002	Pending	2002-0139961
10/103,833	Kinoshita et al.	March 25, 2002	Pending	2002-0168291
10/103,884	Kinoshita et al.	March 25, 2002	Pending	2003-0003476
10/247,678	Kinoshita et al.	Sept. 20, 2002	Pending	2003-0179381
10/752,024	Washizu et al.	Jan. 7, 2004	Pending	2004-0136643
11/109,774	Kinoshita et al.	Divisional of 10/103,830	Pending	

Second, on the attached PTO/SB/08 form, Applicants also list references cited in one or more co-pending application(s), which the Examiner may find material to the patentability of the present application.

The present Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

INFORMATION DISCLOSURE STATEMENT
U.S. Appln. No.: 10/733,450

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Respectfully submitted,

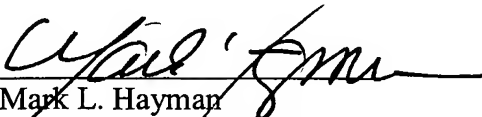
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Date: August 15, 2005


Mark L. Hayman
Registration No. 51,793

Substitute for Form 1449 A & B/PTO

Complete if Known

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number	10/733,450
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First Named Inventor	Shintaro Washizu et al
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Examiner Name	Lyons, M.
Attorney Docket Number	Q78911

Sheet

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of

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
	359/241	US 6,400,489		06-2002	Suzuki et al
	359/245	US 6,124,963		09/2000	Schumaker, Robert R.
	252/582	US 5,759,447		06/1998	Efron et al
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		2004/0136643		01/07/04	Washizu et al

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		EP	1 288 662 A1		03/05/2003	Petr Ivanovich Nikitin	In English
		UK	2 245 971 A1		01/15/1992	Peter Stanley Belton	In English

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		Thomas M. Cooper, et. Al., "Formation of Polypeptide-Dye Multilayers by an Electrostatic Self-Assembly Technique," LANGMUIR 1995, Vol. 11, no. 7, pp. 2713-2718.	
		Munekazu Date, et al., "52.3: Direct-viewing Display Using Alignment-controlled PDLC and Holographic PDLC," SID 00 Digest pp. 1184-1187.	
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		Baril et al, "Chromatography of ribonuclease treated myosin extracts from early embryonic chick muscle," Science (1964) 146:413-414.	
		Liu, et al., "Cell-ELISA using B-galactosidase conjugated antibodies" Journal of Immunological Methods 234 (February 2000) p. 153-167.	

Examiner Signature

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Substitute for Form 1449 A & B/PTO <u>INFORMATION DISCLOSURE</u> <u>STATEMENT BY APPLICANT</u> <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
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		JP	04-009743		01/14/1992	Fujita Keisuke et al	Abstract
		JP	2000-249644		09/14/2000	Shiratori Tokiaki	Abstract
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		JP	63-222248		09/16/1988	Okahata Shigeo	Abstract
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		WO	96/26435		08/29/96	Jean-Francois Lipskier	In English

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		S. Sugai et al., Poly(γ -alkyl Glutamates), Journal of Polymer Science: Part A-2, Vol. 4, 183-198 (1966)	In English
		Crick, F.H.C., The Packing of α -Helices: Simple Coiled-Coils, Acta Cryst (1953) 6, 689-697	In English
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		Kinoshita, T., "Structural color forming system composed of polypeptide-based LB films," <u>Nanotechnology and Nano-Interface Controlled Electronic Devices</u> , Chapter 13, 2003, pp. 233-252	In English
		Miyagi, T. "Structural Color with Polypeptide LB Film," <u>Transactions of the Materials Research Society of Japan</u> , 27 3, 555-558 (2002)	In English
		Yokoi, H., "Polypeptide membranes at an interface," Prog. Polym. Sci., pp. 341-357, 2003.	In English

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		Buchel, M. et al., "Langmuir-Blodgett-Kuhn Multilayers of Polyglutamates with Azobenzene Moieties: Investigations of Photoinduced Changes in the Optical Properties and Structure of the Films," Langmuir 1995, Vol. 11, p4460-4466	
		Menzel, H. et al., "Small-Angle X-ray Scattering and Ultraviolet-Visible Spectroscopy Studies on the Structure and Structural Changes in Langmuir-Blodgett Films of Polyglutamates with Azobenzene Moieties Tethered by Alkyl Spacers of Different Lengths" Langmuir 1994, Vol. 10, p. 1926-1933	
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		Greenham et al, "Charge separation and transport in conjugated-polymer/semiconductor-nanocrystal composites studied by photoluminescence quenching and photoconductivity," Physical Review-B, 1996, 54(24), pp. 17628-17637	

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